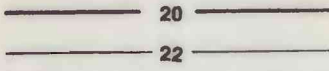
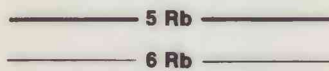


This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

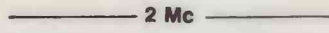
EXPLANATION



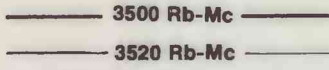
ISOPACHS OF THE COAL BED—Showing thickness, in feet. Isopach interval 5 feet below the 20-foot isopach, 2 feet above the 20-foot isopach.



ISOPACHS OF THE ROSEBUD SPLIT OF THE COAL BED—Showing thickness, in feet. Isopach interval 1 foot.



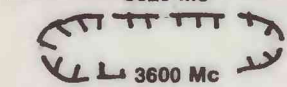
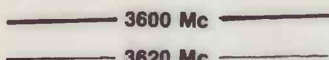
ISOPACHS OF THE MCKAY SPLIT OF THE COAL BED—Showing thickness, in feet. Isopach interval 1 foot.



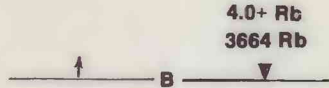
STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.



STRUCTURE CONTOURS—Drawn on top of the Rosebud split of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.



STRUCTURE CONTOURS—Drawn on top of the McKay split of the coal bed. Dashed where projected beyond boundary of coal. Hachures indicate a closed depression. Contour interval 20 feet (6.1 m). Datum is mean sea level.

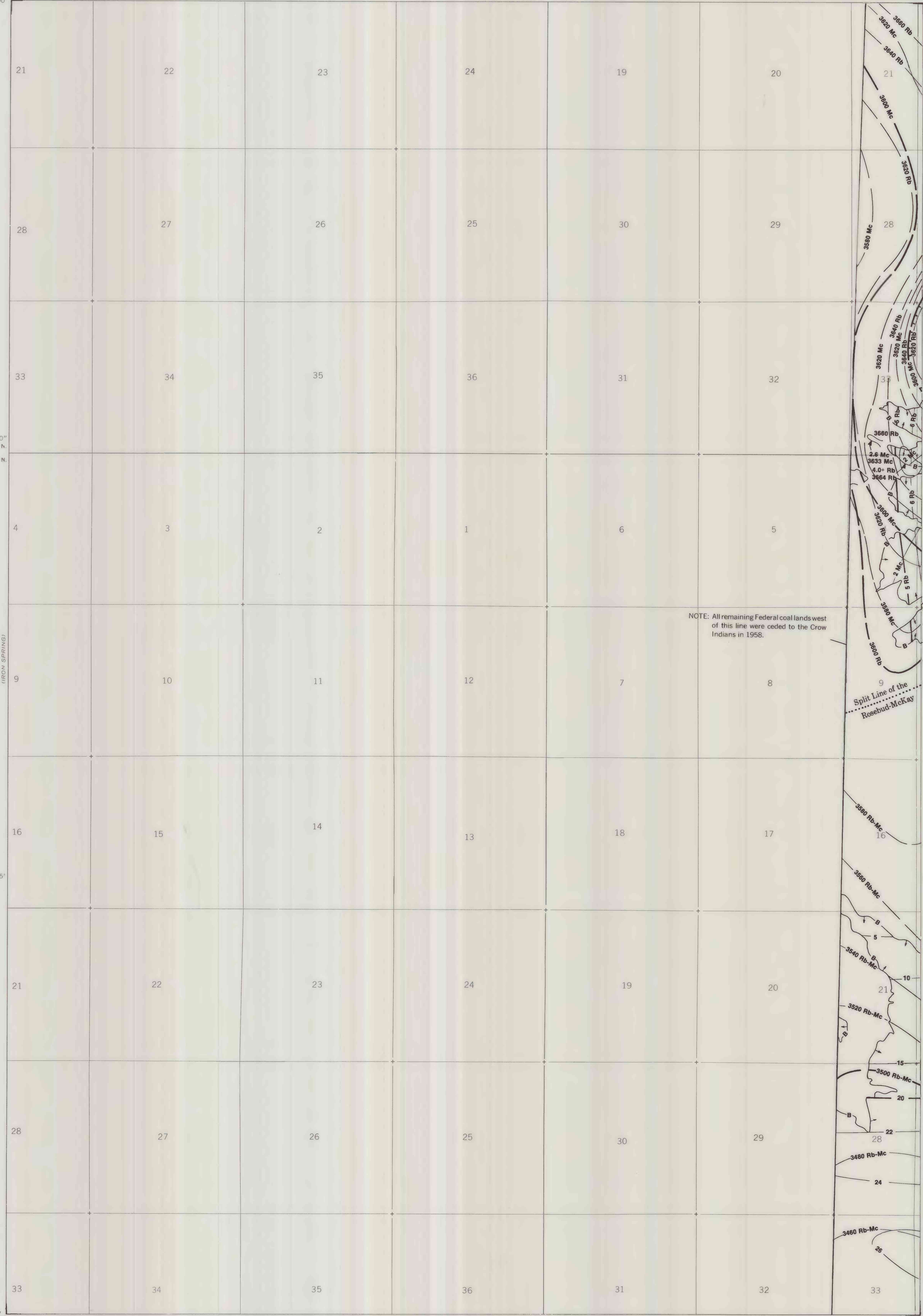


BOUNDARY OF COAL DEPOSIT—Drawn along the outcrop of coal bed and/or the contact between burned and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area. Numbers are coal bed thickness and altitude on top of the coal bed, measured in feet. Plus (+) sign after number indicates incomplete measurement.

To convert feet to meters, multiply feet by 0.3048.

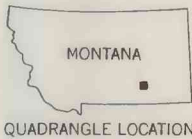
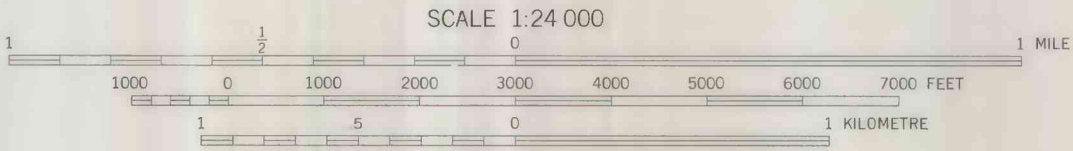
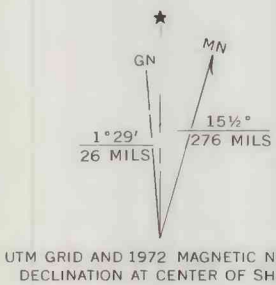
NOTE: All remaining Federal coal lands west of this line were ceded to the Crow Indians in 1958.

Split Line of the
Rosebud-McKay



Base map from U.S. Geological Survey, 1972

Compiled in 1977



COAL RESOURCE OCCURRENCE MAP OF THE MINNEHAHA CREEK SOUTH
QUADRANGLE, TREASURE AND BIG HORN COUNTIES, MONTANA

BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1978

PLATE 7
ISOPACH AND STRUCTURE CONTOUR
MAP OF THE ROSEBUD-MCKAY
COAL BED